ABSTRACT OF THE INVENTION

There is provided a digital hearing aid for increasing recognition of a voice in an ear. The hearing aid features a body member which is sized and configured to be engaged to the ear. A microphone is engaged to the body member for receiving an analog signal that defines the voice. Furthermore, a microchip is implanted within the body member for converting the analog signal from the microphone into a digital signal. This microchip is operative to modulate the digital signal by reducing a frequency thereof below a prescribed frequency level. The microchip is additionally operative to reconvert the digital signal back into the analog signal for delivery into the ear below the prescribed frequency level, hence increasing the recognition of the voice in the ear.